

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 537016651 US, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: November 23, 2004

Signature: 

(Georgina Matos)

PATENT
Docket No. 316082000121

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Michael D. DAN et al.

Serial No.: 09/194,164

Filing Date: April 9, 1999

For: ANTIGEN BINDING FRAGMENTS
THAT SPECIFICALLY DETECT
CANCER CELLS, NUCLEOTIDES
ENCODING THE FRAGMENTS, AND
USE THEREOF FOR THE
PROPHYLAXIS AND DETECTION OF
CANCERS

Examiner: C. Yaen

Group Art Unit: 1642

**SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

11/30/2004 FFANAEIA 00000044 031952 09194164

02 FC:1806 180.00 DA

Form PTO-1449

Docket Number 316082000121

Application Number 09/194,164

Applicant

Michael D. DAN et al.

Filing Date April 9, 1999

Group Art Unit 1642

Mailing Date November 23, 2004

U.S. PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Name | Class | Subclass | Filing Date If Appropriate |
|----------------------|-------------|------|--------------|------|-------|----------|-------------------------------|
| | | | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Ref. No. | Date | Document No. | Country | Class | Subclass | Translation YES NO |
|----------------------|-------------|------------|--------------|---------|-------|----------|-----------------------|
| | 1. | 08/23/1989 | EP 0 329 400 | Europe | | | |
| | 2. | 11/26/1992 | WO 92/20799 | WIPO | | | Abstract |
| | 3. | 12/28/1995 | WO 95/35374 | WIPO | | | |

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

| Examiner Initials | Ref. No. | Title |
|----------------------|-------------|--|
| | 4. | Boone, C. W. et al., (1969). "Isolation of Plasma Membrane Fragments From Hela Cells," <i>J. Cell. Biol.</i> 41:378-392. |
| | 5. | Carter, W. G. et al., (1977). "Isolation and Partial Characterization of Galactoprotein a (LETS) and Galactoprotein b From Hamster Embryo Fibroblasts," <i>Biochem. Biophys. Res. Commun.</i> 76(2):299-308. |
| | 6. | Dunn, S. D. (1986). "Effects of the Modification of Transfer Buffer Composition And The Renaturation of Proteins in Gels on the Recognition of Proteins on Western Blots by Monoclonal Antibodies," <i>Anal. Biochem.</i> 157:144-153. |
| | 7. | Hakomori, S.-I. (1989). "Aberrant Glycosylation in Tumors and Tumor-Associated Carbohydrate Antigens," <i>Adv. Cancer Res.</i> 52:257-331. |
| | 8. | Iida, N. et al., (1989). "A Sulfated Glucosylceramide From Rat Kidney," <i>J. Biol. Chem.</i> 264(10):5974-5980. |
| | 9. | International Search Report mailed on March 17, 1998, for PCT Patent Application No. PCT/US97/08962 filed on May 22, 1997, 5 pages. |
| | 10. | Kean, E. L. (1968). "Rapid, Sensitive Spectrophotometric Method for Quantitative Determination of Sulfatides," <i>J. Lipid. Res.</i> 9:319-327. |
| | 11. | Laemmli, U. K. et al., (1973). "Maturation of the Head of Bacteriophage T4. I. DNA Packaging |

EXAMINER:

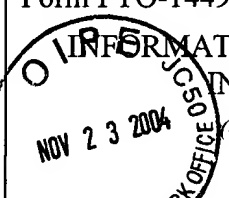
DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

pa- 885176

PTO/SB/ 08 (2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| | | |
|--|------------------------------------|-------------------------------|
| Form PTO-1449  (Use several sheets if necessary) | Docket Number 316082000121 | Application Number 09/194,164 |
| | Applicant Michael D. DAN et al. | |
| | Filing Date April 9, 1999 | Group Art Unit 1642 |
| | Mailing Date November 23, 2004 | |

| | |
|-----|--|
| | Events," <i>J. Mol. Biol.</i> 80:575-599. |
| 12. | Maiti, P. K. et al., (1995). "Development and Characterization of Pancarcinoma Specific Human Monoclonal Antibody H11 (NOVOMAb-G2)," <i>Biotechnol.International</i> pp. 85-93 |
| 13. | McKnight et al., (1990). "Human Monoclonal Antibodies to Nuclear Antigens," <i>Human Antibod. Hybridoma</i> 1(2):77-82. |
| 14. | McKnight, M. et al., (March 1993). "Monopharm-C, A Human Anticancer MAb: Generation, Production and Immunological Properties," <i>Proceedings of the American Association for Cancer Research</i> Volume 34, page A 1223, Abstract No. 1330. |
| 15. | Novapharm Biotech Inc., (January 2000). Corporate Profile, 2 pages. |
| 16. | Padlan, E. A. (1994). "Anatomy of the Antibody Molecule," <i>Molecular Immunol.</i> 31(3):169-217. |
| 17. | Press Release, (May 26, 1999). "Novopharm Biotech Inc., Announces Evidence Of Anti-Cancer Activity Utilizing Fully Human Antibodies In Pre-Clinical Animal Studies," <i>Novapharm Biotech</i> , 3 pages. |
| 18. | Press Release, (October 7, 1999). "Anti-Cancer Treatment Shows Potential to Significantly Reduce Spread of Breast Cancer." <i>Novapharm Biotech</i> , 2 pages. |
| 19. | Svennerholm, L. (1957). "Quantitative Estimation of Sialic Acids. II. A Colorimetric Resorcinol-Hydrochloric Acid Method," <i>Biochem. Biophys. Acta</i> 24:604-611. |
| 20. | Tadano, K. et al. (1982). "Isolation and Characterization of the Sulfated Gangliosylceramide From Rat Kidney," <i>J. Biol. Chem.</i> 257(3):1482-1490. |
| 21. | Yiu, S. C. K. et al., (1992). "Polyisobutylmethacrylate Modifies Glycolipid Binding Specificity of Verotoxin 1 in Thin-Layer Chromatogram Overlay Procedures," <i>Anal. Biochem.</i> 202:188-192. |

| | |
|-----------|------------------|
| EXAMINER: | DATE CONSIDERED: |
|-----------|------------------|

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

pa- 885176

PTO/SB/ 08 (2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE